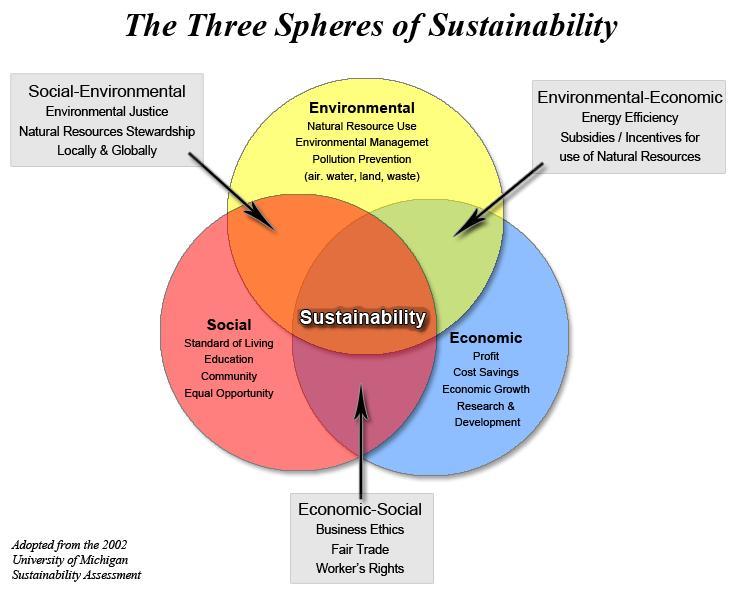
**Task 4**

Devise strategies for incorporating sustainability into an ICT project

2.3 Establish regularly review and improve key performance indicators (KPI) on sustainability performance

2.4 Incorporate innovative planning and design rule for ICT projects which foster sustainability and environmental best practice



Read: Sustainable Development Key Performance indicators

Innovative Planning and Design

According to a May 2007 report from Cisco, packet voice networking costs only 20 to 30 percent of an equivalent circuit-based voice network. Unified messaging services allow the consolidation of fax machines, video conference rooms and voicemail systems into a single platform, with infrastructure cost savings of as much as 40%.

Lyra Research states that usage of converged network copier-printers products allows equipment consolidation, reducing the number of output devices in a typical corporation by up to 60%. In addition, IT departments are freed from supporting diverse types of printers. Hewlett-Packard‘s Neoware thin client computing solutions announced that its devices can help companies reduce computing-related energy costs by up to 90 percent.



Practicum

Create a design for a simple LAN of 20 eats that embodies some of these IT innovation in providing computing and printing

**Hardware**

|  |  |  |
| --- | --- | --- |
| **Hardware** | **Cost(AUD$)** | **URL** |
| Dell PowerEdge T310 | $1,649.00 | <http://configure.ap.dell.com/dellstore/config.aspx?oc=t420901au&model_id=poweredge-t310&c=au&l=en&s=bsd&cs=aubsd1> |
| Pro Safe TM 24 Gigabit Rack mount Switch (JGS524) | $299.99 | <http://www2.netgear.com.au/au/Product/Switches/Unmanaged-Rackmount-/JGS524> |
| HP T510 Flexible Thin Client  X20 | $259 x20  = 5180 | <http://h10010.www1.hp.com/wwpc/us/en/sm/WF06a/12454-12454-321959-338927-3640406-5226831.html?dnr=1> |
| N900 Wireless Dual Band Gigabit Router with USB | $259.01 | <http://accessories.ap.dell.com/sna/productdetail.aspx?c=au&l=en&s=dhs&cs=audhs1&sku=A6053362&~ck=baynoteSearch&baynote_bnrank=0&baynote_irrank=0> |
| Dell v725w All in one Wireless Inkjet Printer | $152 | <http://accessories.ap.dell.com/sna/productdetail.aspx?c=au&cs=audhs1&l=en&sku=210-39218> |
| HP W2072a 20 Diagonal LED backlit LCD  Monitor (A3M50AA) | $199 | <http://www8.hp.com/au/en/products/monitors/index.html> |

